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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	3
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**Complete if Known**

Application Number	
Filing Date	11/07/2003
First Named Inventor	ANDREEV, LEONID
Art Unit	2175
Examiner Name	MIZRAHI, DIANE D.
Attorney Docket Number	

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature		Date Considered	
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Sheet 2	of 3	<b>Attorney Docket Number</b>		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Anderson, D. R., Burnham, K. P., and Thompson, W. L. (2000) Null hypothesis testing: problems, prevalence, and an alternative. Journal of Wildlife Management 64(4): 912-923	
		Bellman, R. 1961. Adaptive Control Process: A Guided Tour. Princeton University Press	
		Cunado, D., Nixon, M. S., and Carter, J. N. (2003) Automatic Extraction and Description of Human Gait Models for Recognition Purposes. Computer Vision and Image Understanding,	
		Fisher, R.A., 1925. Statistical Methods for Research Workers. Oliver and Boyd. London	
		Hallahan, Mark. The hazard of mechanical hypothesis testing. Psycology, 1999, 10, #1 Social Bias 13	
		Johnson, D. H. Hypothesis Testing: Statistics as Pseudoscience (5th Annual Conference of the Wildlife Society, Buffalo, NY, 26 Sept. 1998; publ. electron. on www.npwrc.usgs	
		Kendall, M., and Stuart, H., 1979. The advanced theory of statistics. Vol. 2. New York: Hafner	
		Kolmogorov, A. N. 1965. Three approaches to the quantitative definition of information. Prob. Inform. Transmission, 1, 4 - 7	
		Landauer, R. 1961. Irreversibility and heat generation in the computing process. IBM Journal of Research and Development, vol. 5, No. 3	
		Larichev, Oleg I. Close imitation of expert knowledge: the problem and methods (Int. J. Inf. Technology and Decision Making, vol. 1, No. 1 (2002) 27-42	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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Sheet 3 of 3

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First Named Inventor

ANDREEV, LEONID

Art Unit

2175

Examiner Name

MIZRAHI, DIANE D.

Attorney Docket Number

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		McGuire, W. J. 1989. In: The Psychology of Science: Contributions to Metascience. Ed. B. Gholson, A. Houts, R. Neimeyer, W. R. Shadish, pp 214-245. New York: Cambridge Univ.	
		McGuire, W.J. (1997) Creative hypothesis generating in psychology: some useful heuristics. Annual Review of Psychology, v. 48, pp. 1-30	
		Michalski, R. S., Carbonell, J. G., Mitchell, T. M., Machine Learning. Morgan Kaufmann Publishers, Los Altos, CA, 1986	
		Nanavati, S., Thieme, M., and Nanavati, R. (2002) Biometrics. Identity Verification in a Networked World. John Wiley & Sons, Inc. New York	
		Neyman, J., and Pearson, E.S. 1933. On the problem of the most efficient tests of statistical hypotheses. Philosophical Transactions of the Royal Society, A 131: 289-337	
		Plenio, M. B., and Vitelli, V. 2001. The physics of forgetting: Landauer's erasure principle and information theory. Contemporary Physics, vol. 42, No. 1, pp. 25-60	
		Popper, Karl. The logic of scientific discovery. New York: Basic Books, Inc. 1959	
		Royall, R. M. 1997. Statistical evidence: a likelihood paradigm. Chapman and Hall. London, UK	
		Russel, S. (1997) Rationality and intelligence. Artificial Intelligence Journal, 94 (1-2) 57-77	
		Searle, John. (1992) The Rediscovery of the Mind. MIT Press, Cambridge, Mass	

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